

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES**

Patent Application

Appellants: Junbiao Zhang et al.

Examiner: Nathan A. Mitchell

Serial No: 10/550,964

Group Art Unit: 2617

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For: SECURE ROAMING BETWEEN WIRELESS ACCESS POINTS

**Mail Stop Appeal Brief-Patents
Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

AMENDED SECTION FOR APPEAL BRIEF

In response to the Notification of Non-Compliant Appeal Brief (dated October 2, 2009), Appellants submit this Amended Section to supplement the Appeal Brief of September 9, 2009. This submission replaces the entire section of the Summary of Claimed Subject Matter in the Appeal Brief. Specifically, citations to the specification now refer to the page and line numbers in the amended specification of September 26, 2005.

Although no fee is believed to be due, the Commissioner is authorized to charge any fee that may be needed in connection with this submission to **Deposit Account No. 07-0832**.

5. Summary of Claimed Subject Matter

Embodiments of the present invention are generally directed to a system, method, and computer readable medium for enabling roaming of wireless client stations among wireless access points. A gateway programmed to receive session data requests is provided in a network, which comprises access points that are programmed to send session data requests to the gateway. The gateway sends session information setting commands to the requesting access point, or sends a session data failure response to the access point. (See Abstract.)

Appellants' claims 1, 4 and 5 are presented below in claim format with elements reading on the various figures of the drawings (with reference numerals, where applicable) and appropriate citations to at least one portion of the substitute specification (submitted on September 26, 2005) for each element of the appealed claims.

Claim 1 recites:

1. A communications system, comprising:

a gateway (15) connected to a wired network (14); (e.g., p.4, line 29 – p.5, line 2; and FIG. 1) and

a plurality of access points (11-13) associated with, and controlled by, the gateway, (e.g., p.2, line 30 – p.3, line 2; p.4, line 29 – p.5, line 2; and FIG. 1)

wherein each access point is configured (i) to wirelessly communicate with and receive association requests from wireless clients for connection to the wired network through the access point (e.g., p.5, lines 3-33; and FIG. 4, step 20) (ii) to send session information requests to the gateway in response to received association requests (e.g., p.5, lines 3-33; and FIG. 4, step 21) and

(iii) to process session information setting commands received from the gateway, (*e.g.*, *p.5, lines 10-33; and FIG. 4*)

wherein the gateway is configured (i) to maintain session information that currently exists for each wireless client connected to the wired network through an access point associated with the gateway, the session information including a session key associated with each wireless client and an associated access point, (*e.g.*, *p.5, lines 3-33; and FIG. 4, step 22*) and (ii) to respond to a session information request from a given access point by providing that access point with currently existing session information, if any, maintained by the gateway for the wireless client requesting association with that access point. (*e.g.*, *p.5, lines 3-33; and FIG. 4, step 29*)

Claim 4 recites:

4. The system of claim 1 having means to ensure that a connection between the gateway and an access point is trusted. (*e.g.*, *p.4, lines 1-3*)

Claim 5 recites:

5. The system of claim 4 wherein the means comprises physical security or encryption. (*e.g.*, *p.4, lines 1-3*)